## Unsupervised learning

Cearn something from the data when we don't have the support of a teacher/supervisor.

Sefore - Supervised learning

Now - Unsupervised learning

learn J: X -> Y

learn J: X -> Y

with D = {(xmyn)}

with  $D = \{(x_m)\}$ 

the effor to provide this information could be very high

We can't learn of for sure since we know nothing about it, but we can analyze the dataset to provide some information about it. (e.g. distribution of the classes if we are in a classification problem)